

JSC volunteers tutor high school students for state test

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Canales. "Because of her help, I'm sure I'll pass the test."

Teacher representatives Norma Lopez and Jane Lozano of Austin High School expressed admiration at the voluntary commitment from the employees. "I was surprised to learn that some volunteers were taking a vacation or personal leave day to volunteer to tutor our students," Lozano said. "It says a great deal about the level of dedication and personal concern when you realize that these professionals are willing to sacrifice for the betterment of the community."

Minutes before meeting with their JSC tutors, the students received their TAAS scores and were told they would not be able to participate in graduation ceremonies unless they passed their TAAS test. The tutoring session was the students' last chance to receive

help before re-taking the TAAS test.

"Having a room full of JSC tutors available to help them for the entire day was very motivating for the students," said Nancy Robertson, chief of the Education and Information Services Branch. "Our JSC civil service and contractor volunteers were truly inspiring."

Estella Gillette and Lupita Armendariz of the Equal Opportunity Program Office tutored at least 10 students on the reading section of the TAAS test. "I've never run into anyone who didn't have potential," said Gillette. "It just takes tapping into it."

Some volunteers returned to the school on Saturday to continue working with the students, while other volunteers gave their home phone numbers to the students in case they had questions while studying over the weekend.

"I've got telephone numbers for the stu-

dents I tutored because I am really anxious to know how they did on their test," said Armendariz. "I think the tutoring session was worth it. It will make a big difference in the students' lives."

The Education Outreach Program expressed thanks to the volunteers for their hard work and their supervisors for providing time to devote to this effort. Volunteers include Estella Gillette, Lupita Armendariz and Jessie Hendrick of the Equal Opportunity Programs Office; Dan Mangieri and Kathleen Parma of the Human Resources Office; Kenneth Crouse, Jose Limardo, Moi Montez, Rafael Munoz, Carlos Parra, Carlos Ortiz-Longo, Angel Plaza, Rodney Rocha, Liana Rodriggs, George Salazar, Diana Schuler and Jenny Wagenknecht of the Engineering Directorate; Dennis Beckman, Bert Davila, Michael Engle, Steven Gonzalez, Francisco Hernandez,

Ginger Kerrick, Debbie Trainor and Susan Torney of the Mission Operations Directorate; Dan Benbenek, Larry Hartley, Linda Kirbie, John Rosales and Vicki Salmones of the Business and Information Systems Directorate; Ralph Grau, Chau Hong and Jeff Theall of the Space Station Program Office; John Jurgensen and Stacey Morrison from the Office of the Chief Information Officer; Liz Cheshire of the Space Shuttle Program Integration; and Vivian Long from the Office of the Chief Financial Officer.

Contractors also participated in the activity including Ray Rodriguez from Hughes Training; Rebecca Morales and Fred Brown of KRUG Life Sciences; Brad Eckhardt of Lockheed Martin and Lorena Molina of Rockwell. In addition James McLeroy from Department of Defense Shuttle Payloads Office participated in the event.

Space shuttle program office reorganizes

Recent changes in JSC's role in the Space Shuttle Program have prompted streamlining in the Space Shuttle Program Office.

"With the recent announcement that JSC is now designated as lead center for all shuttle operations, the Space Shuttle Program has been reorganized to streamline and promote efficiency," said Space Shuttle Program Manager Tommy Holloway.

Jack Boykin, the contracting officer technical representative for the Space Flight Operations Contract, has been assigned to the Space Shuttle Program staff.

The Space Shuttle Program Office will absorb the previously separate Orbiter Project Office, which is renamed the Space Shuttle Vehicle Engineering Office. Former Orbiter Project Office Manager Jay Greene will manage the new SSVEO, with Clay McCullough as his deputy.

In addition, the Avionics and Software Office, Code MV2, Flight Crew Equipment Management Office, Code MV5, and the Remote Manipulator System Integration Office, Code MV6, become part of SSVEO.

Also under the SSVEO are the Operations Engineering Office, now Code MV3; the JSC Resident Office-KSC, Code MV7; and JSC Resident Office-Downey, Code MV8.

The Space Shuttle Systems and Cargo Engineering Office, headed by Manager Lambert Austin, has been renamed Space Shuttle Systems Integration Office, Code MS, and the Payload Integration and Engineering Offices becomes the Integration Engineering Office, Code MS2. The Engineering Products Office remains the same with the code MS3 and the Flight Dynamics Office has been renamed the Flight Systems Analysis Office, Code MS4. The Space Shuttle Chief Engineer/ISSA Integration Office is abolished and its personnel are now in the Space Shuttle Systems Integration Office.



Boy Scouts camping in the JSC pecan grove last week, learn team work during tug-o-war competition. With the help of JSC employees, the scouts learned valuable lessons in teamwork and other leadership skills.

Scouts camp out at JSC

More than 190 Boy Scouts from the Challenger District, Bay Area Council and 72 adult volunteers spent the weekend camping under the pecan grove at JSC and learning valuable lessons in team work.

The scouts spent the weekend in scout skill competitions including first aid, knot tying, plant identification, cooking and map reading and compass skills.

"The scoring system emphasized some other, more important skills," said Wayne Hale of the Mission Operation Directorate and camp coordinator. "Teams were graded on organization, teamwork, leadership and courtesy. The Boy Scouts really teaches those skills, good citizenship and values. The camping program is just the method that makes it all fun."

Hale reported that workers in public affairs, fire specialists, security people, safety individuals and other Center Operations employees made the camp out possible.

"The weekend was wonderful, with no untoward incidents noted anywhere—just lots of fun for the boys, I trust that those of you who helped us this weekend know that your effort made a memorable experience for those 194 boys, and helped them to learn what is really important in life," Hale said.

Several JSC employees, who are troop leaders, helped out during the two-day event. Employees from MOD included Tony Griffith, Greg Oliver, Mike Veres and Mark Fridye. Help from the Flight Crew Operations Directorate came in the form of Astronaut Rick Searfoss. In addition, Scott Smith of Unisys, Dave Dannimiller of Rockwell and Keith Hurley of Link helped to make the weekend safe and fun.

"All of these gentlemen spend many hours in volunteer service with the Boy Scouts of America," Hale said.

Winner of the Best Troop at the Camp-O-Ree, went to Troop 609 lead by Scoutmaster Fridye.

FOD Chili Cookoff set for next week at Gilruth Center

JSC will host its 18th annual FOD Chili Cookoff from 9 a.m.- 4 p.m. May 11 at the Gilruth Center, and is open to all JSC organizations.

More than 20 teams are expected to complete for best chili, showmanship and people's choice trophies. At the cook-off, there will be games, skits and a space trivia contest for all team members.

Showmanship once again will be judged on pre-cookoff propaganda and activities in which judges will expect displays of team spirit, unique flyers, unique dress, team skits and decorative storefronts. In addition, teams will compete in games including pyramid builds, grapefruit pass

and other games that will show team work in action.

FOD stands for Flight Operations Directorate, but was divided into Flight Crew Operations and Mission Operations years ago. The chili cookoff has traditionally maintained the FOD to identify the event.

Anyone interested in entering a chili team may enter for a \$40 fee by calling Fran Camp, X39961. Any directorate or office may enter a team.

Tickets cost \$3 through today, \$4 thereafter and may be purchased by calling Camp or Sandy Griffin, x31056. Ticket price includes beverages and a tasting cup for all chili.

Travel Fair set for this month

The Employee Activities Association is sponsoring a Travel Fair from 4-6:30 p.m. May 14 at the Gilruth Center.

The fair will feature more than 30 travel experts including airlines, tour companies and cruise lines. Door prizes will be awarded every 30 minutes beginning at 5 p.m.

"This is a great place to gather ideas for your next vacation," said Ginger Gibson, EAA president.

The grand prize is a round trip airfare for two. The tickets may be used for travel in the U.S., Canada, Mexico, Puerto Rico, U.S. Virgin Islands, Nassau or Bermuda.

Tickets for door prizes can be picked up at the Bldg. 11 Exchange Store. One ticket per badged employee. Only JSC employees—contractors and civil servants—are eligible for door prizes. For more information, call x35352.

Sign up to send names to space

The Cassini planetary probe set to launch in October 1997 will carry one million signatures and JSC employees may include their names as well.

NASA's Jet Propulsion Laboratory, in cooperation with the Planetary Society, is accepting signatures on postcards from individuals to fly on the probe destined for Saturn.

Each signature will be scanned from its postcard and stored on a CD-ROM. The CD-ROM will be placed inside the Cassini spacecraft, and launched on a Titan IV in October 1997 on its deep-space journey, with plans to go into orbit around the ringed-planet Saturn in the next decade.

Postcards will be accepted until

Jan. 1, 1997, or until the CD-ROM is full. Notification will appear on the Cassini home page when postcards can no longer be accepted. Confirmation that a particular signature has made it onto the CD-ROM can only be provided if signatures are mailed with a self-addressed, stamped envelope. Cassini information can be found on the Internet at URL:

<http://www.jpl.nasa.gov/cassini/>

To get a signature onboard, sign a plain postcard, affix postage and mail to:

Suzanne Barber
MS 264-441
Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena, CA 91109

Mir science to help build space station

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a common understanding and trust of each other's hardware, people and processes."

Fullerton added that the suit will be available to train for future missions such as STS-86 when two astronauts and two cosmonauts will conduct a joint space walk.

While Linenger and Foale spent time underwater, Jim Voss continued Russian language and familiarization training in Star City. John Blaha—who will replace Lucid on Mir in August—worked in the Mir simulators.

Meanwhile Lucid, Mir 21 Commander Yuri Onufrienko and Flight Engineer Yuri Usachev were busy unloading the Priroda module that docked last week with the Russian outpost.

The science module docked as schedule at 7:43 a.m. CST last Friday and the crew pivoted the Earth-monitoring module into its permanent position opposite the Kristall module Saturday. The crew

spent the beginning of the week unloading and preparing the module for research.

"We are real busy right now reconfiguring the Priroda so we can get started working in it," Lucid said Tuesday during an interview with a Los Angeles television station. Priroda will be used to study the Earth for environmental and ecological purposes.

Once the Priroda is configured, the crew will begin to prepare for a Progress supply vehicle, scheduled to launch Sunday. The supply module will dock with Mir on Tuesday and carry a variety of supplies for the station residents.

The crew completed the Optizon/Liquid Phase Sintering Experiment on April 20. Once the samples are returned to Earth, scientists will determine if the melting of samples at high temperatures in microgravity can enhance Earth-based technology.

"We have finished 55 samples," Lucid said during a televised status

report Tuesday. "This experiment will find out the effects of high temperature and will determine if new alloys can be formed."

Lucid added that the crew has been doing a lot of engineering evaluation of Mir to help design the International Space Station. "We have been looking at the quality of air, water and monitoring the microgravity environment."

The Space Acceleration Measurement System supported protein crystal growth in the Kvant Module last week by measuring slight changes in Mir. Scientists will be able to determine any change in the crystals and if they are associated with movements in space. "Scientists need to know what types of activities disturb this environment so they can plan better," Lucid said.

Today, Onufrienko and Usachev have spent 70 days in space and are expected to return to Earth sometime in July. Lucid has been aboard the Mir for 41 days.

Astronaut candidates named for '96

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The new class of astronauts includes:

Pilots: Maj. Duane Carey, USAF, 39, St. Paul, Minn.; Lt. Cmdr. Stephen Frick, USN, 31, California, Md.; Capt. Charles Hobaugh, USMC, 34, Lexington Park, Md.; Capt. James Kelly, USAF, 31, Las Vegas; Lt. Mark Kelly, USN, 32, Lexington Park, Md.; Lt. Scott Kelly, USN, 32, Lexington Park, Md.; Maj. Paul Lockhart, USAF, 40, Niceville, Fla.; Maj. Christopher Loria, USMC, 35, Newton, Mass.; Lt. Cmdr. William McCool, USN, 34, Anacortes, Wash.; Mark Polansky, 39, Houston;

Mission Specialists: Cmdr. David Brown, USN, 40, Arlington, Va.; Lt. Cmdr. Daniel Burbank, U.S. Coast Guard, 34, Manchester, Conn.; Yvonne Cagle, 37, Houston; Fernando "Frank" Caldeiro, 37, Buenos Aires, Argentina; Charles Camarda, 43, New York; Lt. Cmdr.

Laurel Clark, USN, 35, Ames, Iowa; Capt. Edward Fincke, USAF, 29, Gifu, Japan; Lt. Col. Patrick Forrester, USA, 39, Houston; Lt. Cmdr. John Herrington, USN, 38, Wetumka, Okla.; Joan Higginbotham, 31, Titusville, Fla.; Sandra Magnus, 31, Smyrna, Ga.; Michael Massimino, 33, Dunwoody, Ga.; Richard Mastracchio, 36, Houston; Cmdr. Lee Morin, USN, 43, Pensacola, Fla.; Lt. Cmdr. Lisa Nowak, USN, 32, Lexington Park, Md.; Donald Pettit, 41, Santa Fe, N.M.; John Phillips, 45, Los Alamos, N.M.; Paul Richards, 31, Annapolis, Md.; Piers Sellers, 41, Greenbelt, Md.; Lt. Cmdr. Heidemarie Stefanyshyn-Piper, USN, 33, Rockville, Md.; Daniel Tani, 35, Centreville, Va.; Capt. Rex Walheim, USAF, 33, Palmdale, Calif.; Peggy Whitson, 36, El Lago, Texas; Maj. Jeffrey Williams, USA, 38, Middletown, R.I.; and Stephanie Wilson, 29, Los Angeles.